



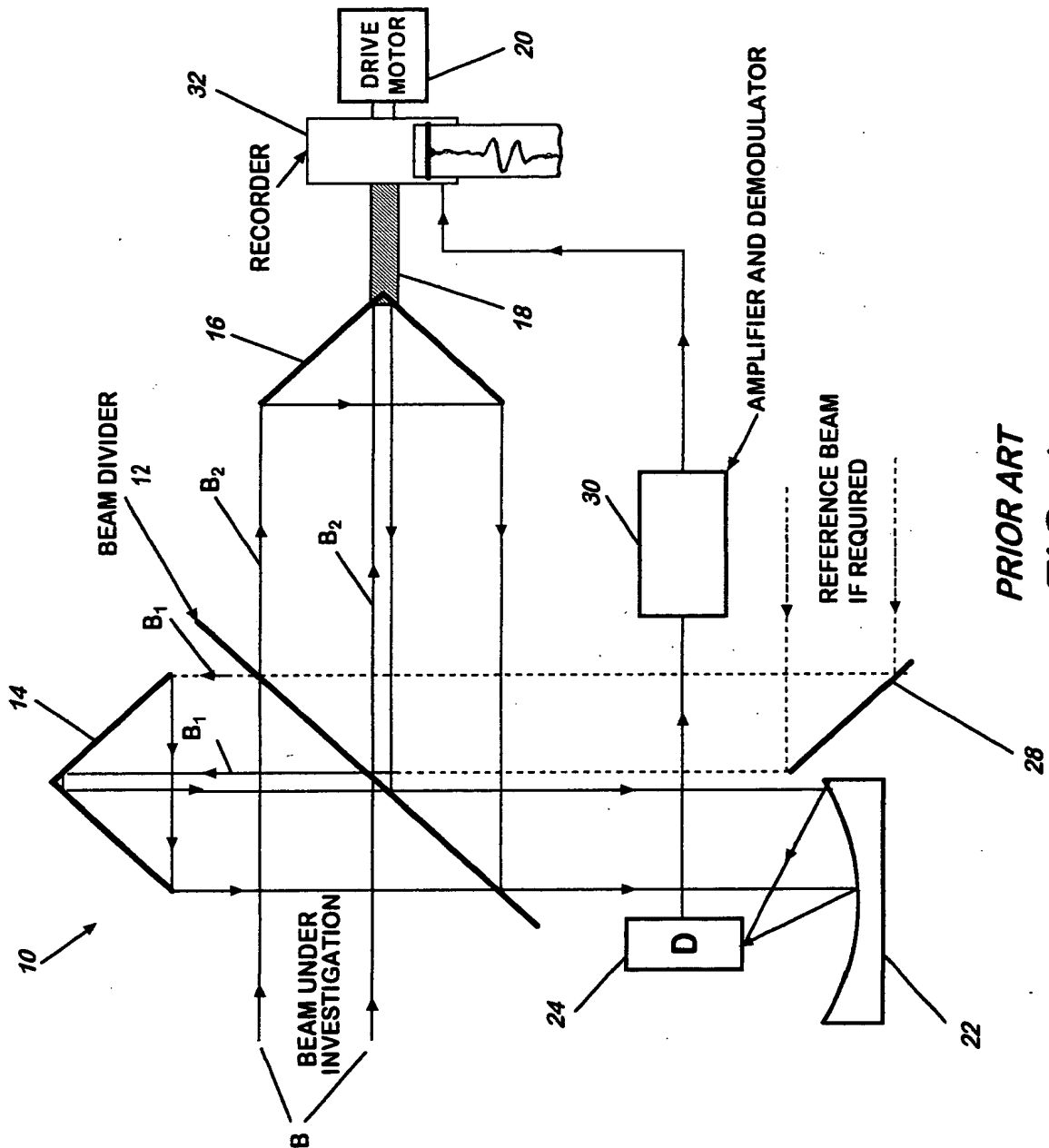
App No.: 10/750633

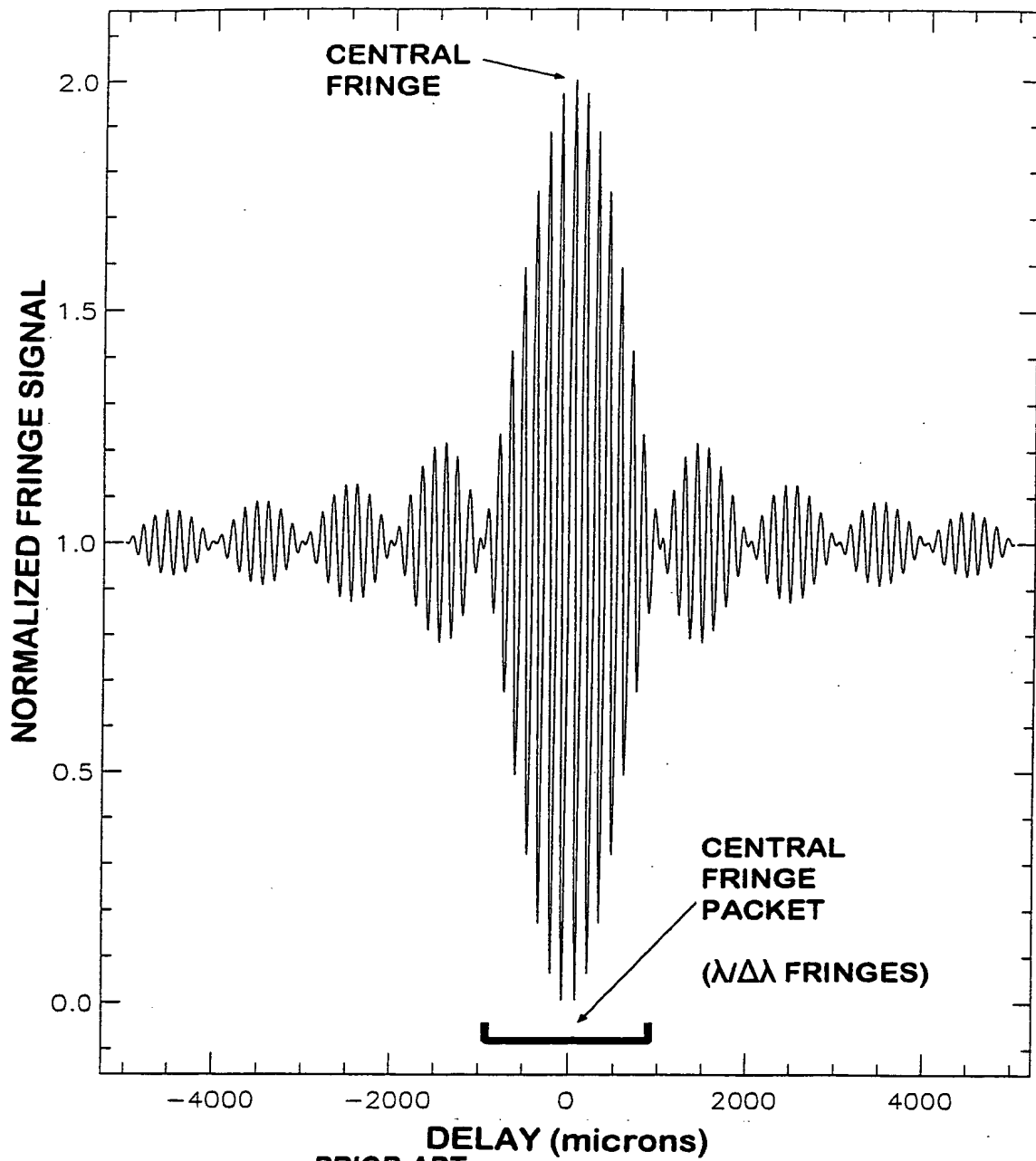
Docket No.: 83974-US2

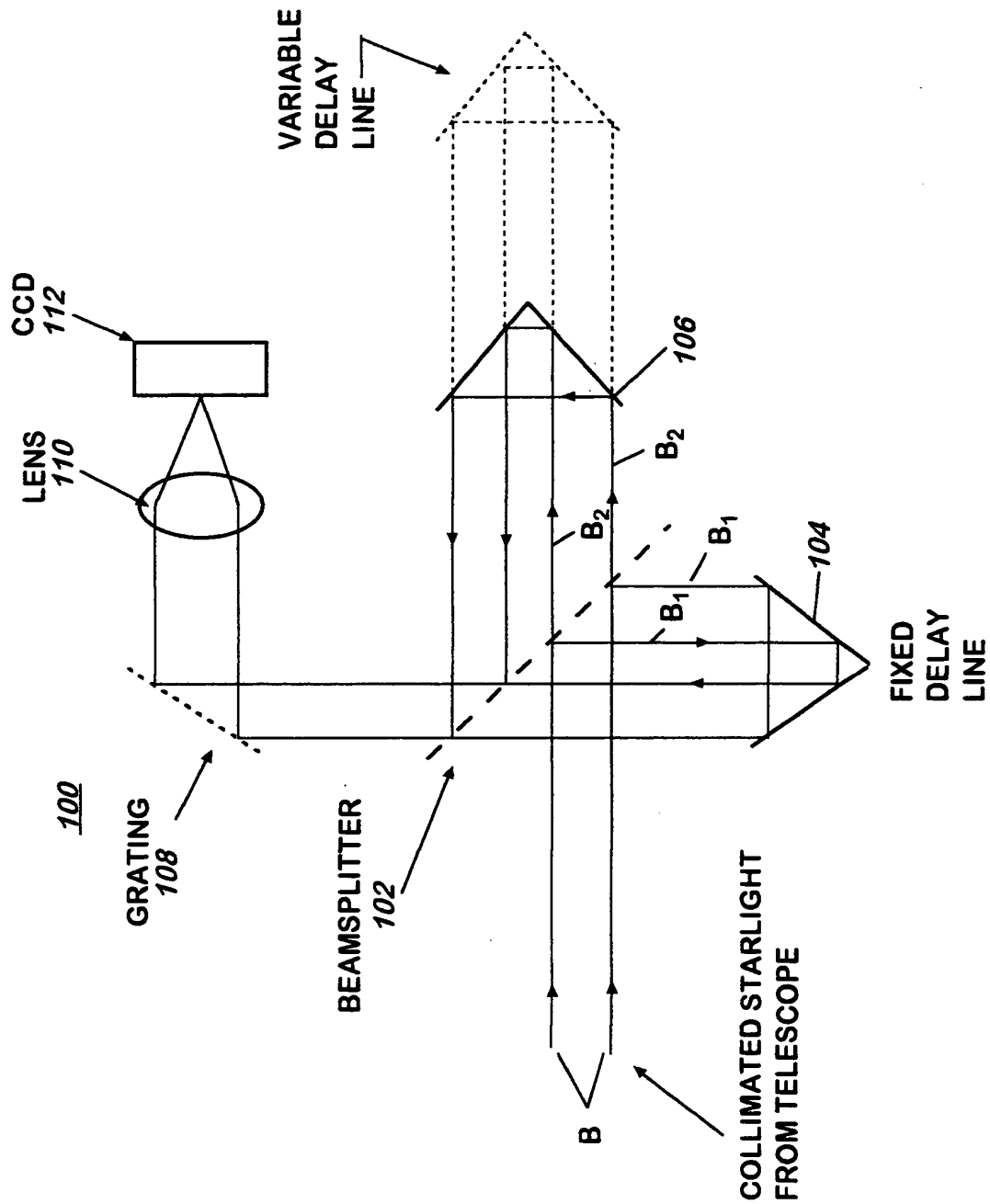
Inventor: Arsen Hajian et al.

Title: DISPERSED FOURIER TRANSFORM SPECTROMETER
REPLACEMENT SHEET

Sheet 1 of 5



**FIG. 2**

**FIG. 3**

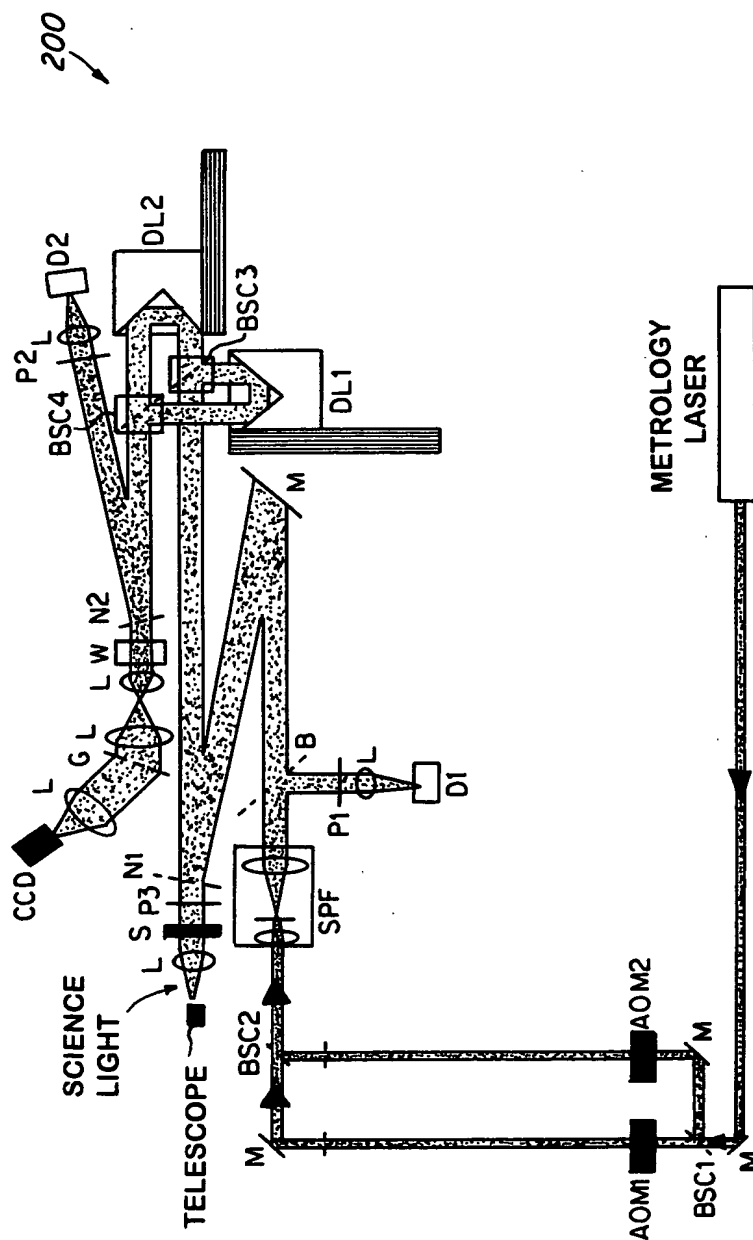


FIG. 4

BSC1,2,3,4 = POLARIZING BEAM SPLITTER CUBE
AOM1,2 = ACOUSTO-OPTICAL MODULATOR

M = MIRROR

I1,2 = IRIS DIAPHRAGM

D1 = REFERENCE METROLOGY DETECTOR

D2 = UNKNOWN METROLOGY DETECTOR

L = LENS

S = SHUTTER

W = WOLLASTON PRISM

P1,2,3 = DICHOIC POLARIZER

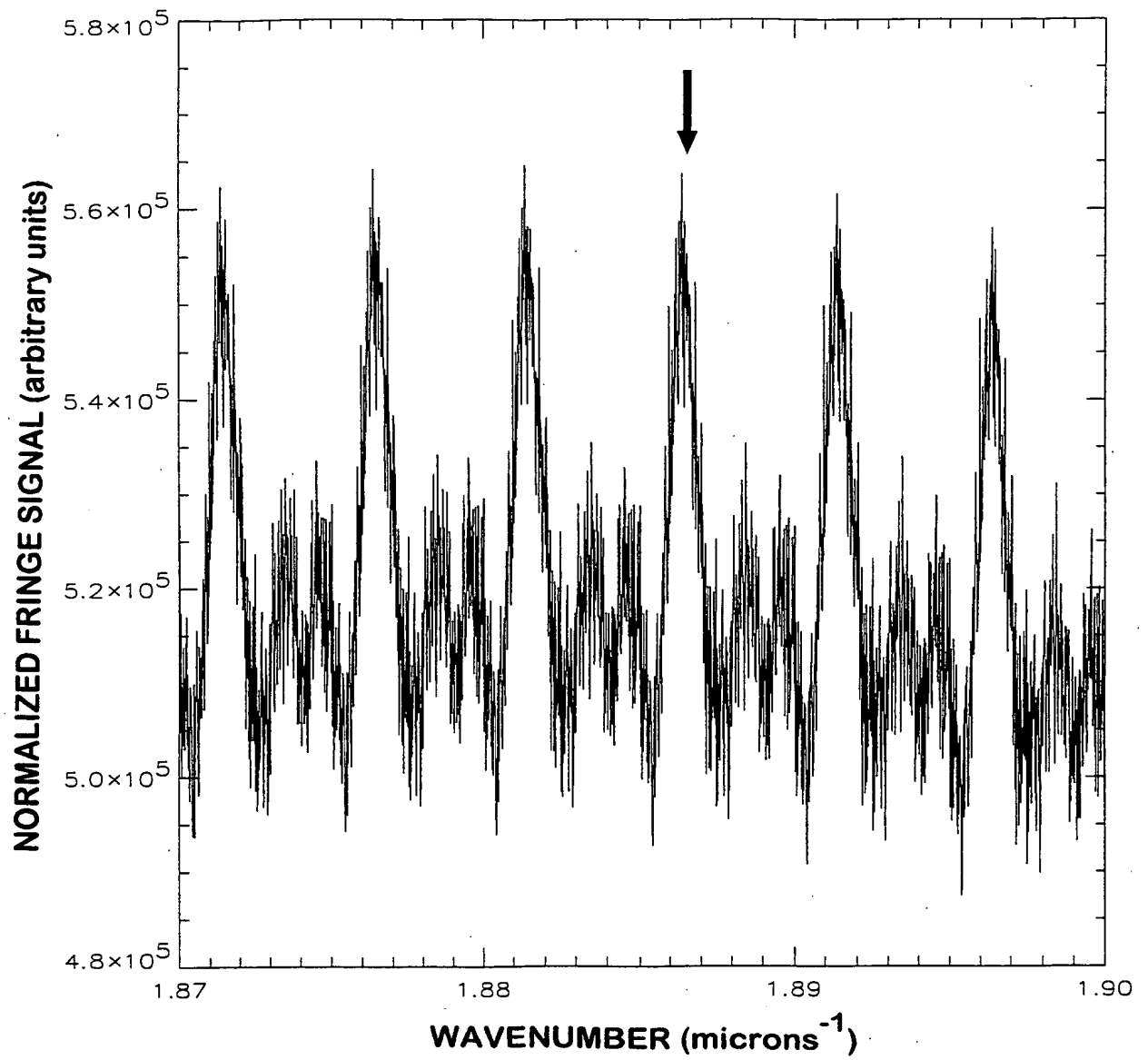
SPF = SPATIAL FILTER

N1,2 = HeNe NOTCH FILTER

G = GRATING

B = NON-POLARIZING BEAMSPLITTER

DL1,2 = DELAY LINE

**FIG. 5**